

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: May 18, 2002, 02:09:30 ; Search time 8718.72 Seconds
(without alignments)
2592.199 Million cell updates/sec

Title: US-09-719-748-1_COPY_62_1141
Perfect score: 1080
Sequence: 1 atggagcattcaagcagca.....ggaggaggagcagcacctcc 1080

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1797656 seqs, 10463268293 residues

Total number of hits satisfying chosen parameters: 3595312

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

1:	gb_ba.*
2:	gb_htg.*
3:	gb_in.*
4:	gb_om.*
5:	gb_ov.*
6:	gb_pat.*
7:	gb_ph.*
8:	gb_pl.*
9:	gb_pr.*
10:	gb_ro.*
11:	gb_sts.*
12:	gb_sy.*
13:	gb_un.*
14:	gb_vi.*
15:	em_ba.*
16:	em_fun.*
17:	em_hum.*
18:	em_in.*
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20:	em_om.*
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22:	em_ov.*
23:	em_pat.*
24:	em_ph.*
25:	em_pi.*
26:	em_ro.*
27:	em_sts.*
28:	em_un.*
29:	em_vi.*
30:	em_htg_hum.*
31:	em_htg_inv.*
32:	em_htg_other.*
33:	em_htgo_inv.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES				
Result	Query			
No.	Score	Match	Length	ID
Description				

1	1075.2	99.6	1742	9	AF052941	AF052941 Homo sapi
2	1072	99.3	1739	9	AB018001	AB018001 Homo sapi
3	937.6	86.8	1883	10	BC022165	BC022165 Mus muscu
4	932.8	86.4	1757	10	AB018002	AB018002 Mus muscu
5	778.2	72.1	1474	10	AF052942	AF052942 Mus muscu
6	524.2	48.5	5345	19	MMDAPK	X97048 M.musculus
7	516.2	47.8	2055	9	AB022341	AB022341 Homo sapi
8	514.6	47.6	2105	9	AB007144	AB007144 Homo sapi
9	514.6	47.6	2132	6	AR076189	AR076189 Sequence
10	514.6	47.6	2132	6	AR124102	AR124102 Sequence
11	514.6	47.6	2132	6	E23384	E23384 DNA encodin
12	514.6	47.6	2224	6	BD004888	BD004888 Novel gen
13	514.6	47.6	2224	6	AK027590	AK027590 Homo sapi
14	512.8	47.5	1410	10	AB007143	AB007143 Mus muscu
15	512.8	47.5	1429	6	AR076190	AR076190 Sequence
16	512.8	47.5	1429	6	AR124103	AR124103 Sequence
17	512.8	47.5	1429	6	E23385	E23385 DNA encodin
18	498.4	46.1	1514	10	RN06971	AJ006971 Rattus no
19	495.4	45.9	1590	9	BC003614	BC003614 Homo sapi
20	493.8	45.7	5910	9	HSDAPK	X76104 H.sapiens D
21	448.6	41.5	4935	6	AR080622	AR080622 Sequence
22	448.6	41.5	5886	6	AR121934	AR121934 Sequence
23	445.4	41.2	480	6	AR119795	AR119795 Sequence
24	445.4	41.2	480	6	AR126755	AR126755 Sequence
25	445.4	41.2	480	6	AR128915	AR128915 Sequence
26	445.4	41.2	480	6	AR130846	AR130846 Sequence
27	445.4	41.2	480	6	AR138891	AR138891 Sequence
28	445.4	41.2	480	6	AR141359	AR141359 Sequence
29	445.4	41.2	1864	6	AR119794	AR119794 Sequence
30	445.4	41.2	1864	6	AR126754	AR126754 Sequence
31	445.4	41.2	1864	6	AR128914	AR128914 Sequence
32	445.4	41.2	1864	6	AR130845	AR130845 Sequence
33	445.4	41.2	1864	6	AR138890	AR138890 Sequence
34	445.4	41.2	1864	6	AR141358	AR141358 Sequence
35	359.2	33.3	4918	10	BC021490	BC021490 Mus muscu
36	244.6	22.6	132817	2	AC011488	AC011488 Homo sapi
37	244.6	22.6	210617	2	AC034201	AC034201 Homo sapi
38	239.4	22.2	247196	2	AC073822	AC073822 Mus muscu
39	222.4	20.6	194023	9	AC021541	AC021541 Homo sapi
40	215.8	20.0	3983	4	S57131	S57131 155 kda myo
41	207.8	19.2	2960	9	AB056801	AB056801 Macaca fa
42	205.4	19.0	1366	3	ACTWITCH	Z30161 A.californi
43	205	19.0	1317	4	S80867	S80867 Ovis aries
44	203	18.8	1415	9	HSMTOLCKI	X90870 H.sapiens m
45	203	18.8	3181	9	AB037663	AB037663 Homo sapi

ALIGNMENTS

RESULT 1

AF052941

LOCUS AF052941 1742 bp mRNA linear PRI 20-JAN-2000

DEFINITION Homo sapiens DAP-kinase related protein 1 mRNA, complete cds.

ACCESSION AF052941

VERSION AF052941.1 GI:3560542

KEYWORDS human.

SOURCE Homo sapiens

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 1742)

AUTHORS Inbal, B., Shani, G., Cohen, O., Kissil, J.L. and Kimchi, A.

TITLE Death-associated protein kinase-related protein 1, a novel Serine/threonine kinase involved in apoptosis

JOURNAL Mol. Cell. Biol. 20 (3), 1044-1054 (2000)

MEDLINE 20094983

PUBMED	10629061
REFERENCE	2 (bases 1 to 1742)
AUTHORS	Kimchi, A. and Inbal, B.
TITLE	Direct Submission
JOURNAL	Submitted (09-MAR-1998) Molecular Genetics, Weizmann Institute of Science, Rehovot 76100, Israel

FEATURES		Location/Qualifiers
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QY	61	agtgccagtttgccatcgtaaaadtcgagagagcgcgagcgcgagcgcgagtgatgca 120
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QY	121	gcaagttcatcaagaagcgcgagcgcgagcgcgagcgcgagcgcgagcgcgagcgcgag 180
Db	182	GCCAGTTTCATCAAGAAGCGGAGAGCGGCGGAGCGGCGGCGGCTGTGAGCCGGAGGAG 241
QY	181	atcgagcggaggtgagcattctgcgcaggtgctgcaccacaatgtcatcaogctgcac 240
Db	242	ATCGAGCGGAGGTGAGCATCTCTGGCAGAGTGTGCACCAATGTGCATCACGCTGCAC 301
QY	241	gagctctatgagacccgacacgtggtgcacatccttgagctagctgagctgagcggagag 300
Db	302	GACGTCTATGAGAACCGCACCGACGCTGTCTCTCTAGCTAGTGTCTGAGGAGAG 361
QY	301	ctcttcgattctgcccagagaggtcactgagtgagagagagcaccagcttcatt 360
Db	362	CTCTTCGATTTCCTTGGCCCCAGAGAGTCACTGAGTGAGGAGGAGGCCACCACTTCAT 421
QY	361	aagcagatcctggatgggtgaaactaccttcacacaaaaaataatgctcacttgatctc 420
Db	422	AAGCAGATCTCTGGTGGGTGAATCTTACACAAAGAAATATGCTCACTTTGATCTC 481
QY	421	aagccagaacaacattatgtgttagacaagaataattccattccacacatcaagctgatt 480
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QY	481	gacttggctggctccagaaatagaagatggagttgaattgaataatttttgggagc 540
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QY	541	ccggaaatttgctgccagaattgtgaactacgagccctgggtctggggctgacatg 600
Db	602	CCGGAATTTGTTGCTCCAGAAATTTGTAATACGAGCCCTGGGCTCTGGAGGTGACATG 661
QY	601	tgagcatagggcgtcatcacctcatctcttaagttagagcatcccttttccctgggagac 660
Db	662	TGGAGCATAGGCGTCAATACCTACATCTCTTAAAGTGGAGCATCCCTTCTCTGGGAGAC 721
QY	661	acgaagcagggagacactggcacaatcatcatcagtgagtgactttgatgaggaattc 720

Db	722	ACGAAGCAGGAACACTGGCAATATCATCATGAGTTACGACTTTGATGAGGAATTC 781
QY	721	ttcagccatcacgagcagctgcccagagactttattcggaagcttctggttaagagacc 780
Db	782	TTCAGCCATACGAGCGAGCTGGCCAAGGACTTTATTTCGAAAGCTTCTGTTTAAAGAGACC 841
QY	781	cggaaacgctcacaatccaagagcctcagacaccccttgatgacacgcggtggacaac 840
Db	842	CGGAACCGCTCACAATCCAGAGGCTCTCAGACACCCCTGGATCACGCCGCTGGACAAC 901
QY	841	cagcaagccatggtgagcaggggagctgtggtcaatcttgagaacttcagagaagcagtat 900
Db	902	CAGCAAGCCATGTTGTCGACGAGGAGTCTGTGGTCAATCTCGAAGCTTCAGGAAGCAGTAT 961
QY	901	gtccgcgagcggctggaagcttctctcagcatcgtctccctgtgcaacacacccaccgcgc 960
Db	962	GTCCGACGCGGCTGGAAGCTTCTCTTCAGCATCGTCTCCCTGTGCAACCACTCACCCGC 1021
QY	961	tcgctgatgaagaaggtgcacctgagcgcgagcgcgagcgcgagcgcgagcgcgagcgcgag 1020
Db	1022	TCGCTGATGAAGAAGTGCACCTGAGCGGATGAGGACCTGAGAACTGTGAGAGTGAC 1081
QY	1021	actgagggagacatccagagagaaagccctccaccacgagggagggagcagcaccctcc 1080
Db	1082	ACTGAGGAGGACATGCCAGGAGGAAAGCCCTCCACCCAGGAGGAGGAGGAGCAGCACCCTCC 1141

RESULT 2

AB018001

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

MEDLINE

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

gene

CDS

Homo sapiens mRNA for Death-associated protein kinase 2, complete cds.
AB018001.1 GI:6521209
Death-associated protein kinase 2.
Homo sapiens cDNA to mRNA.
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
1 (sites)
Kawai,T., Nomura,F., Hoshino,K., Copeland,N.G., Gilbert,D.J., Jenkins,N.A. and Akira,S.
Death-associated protein kinase 2 is a new
calcium/calmodulin-dependent protein kinase that signals apoptosis through its catalytic activity
Oncogene 18 (23), 3471-3480 (1999)
99303018
2 (bases 1 to 1739)
Akira,S. and Kawai,T.
Direct Submission
Submitted (28-SEP-1998) Shizuoka Akira, Hyogo College of Medicine, Department of Biochemistry; Mukogawa-cho 1-1, Nishinomiya, Hyogo 663-8501, Japan (E-mail:akira@hyo-med.ac.jp, Tel:81-798-45-6357, Fax:81-798-46-3164)
Location/Qualifiers
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KVHLRPDLRLNCESDIEDIARRKALHPRRSSTs"

Sat May 18 15:09:02 2002

Query Match		86.8%;	Score 937.6;	DB 10;	Length 1883;	
Best Local Similarity		91.8%;	Pred. No. 3.8e-200;			
Matches 991;		Conservative	0;	Mismatches 89;	Indels 0;	Gaps 0;
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QY	61	agtggccgtttgcatctgttaagaatgcgagagagcagcagcgggcttgagtatgca	120			
DB	181	AGTGGCCAGTGTTCGCATCGTGAAGAAGTCCCGGAGAGAGCAGAGGCTGGAGTATGCA	240			
QY	121	qccaattcatcaagaagcggcagagcggcgagcggcgagcggcgagcggcgagcgggag	180			
DB	241	GCCAGTTCATTAAAGAGGCGAGAGCGCGGCGCCAGCGCTCGGGCGGTGTCCGGGAGAA	300			
QY	181	atcgagcggaggtgagcatctctgcggcaggtgctgcgacacaaatgtcatcacgtcac	240			
DB	301	ATCGAGCGGAGGTGAGCATCTCGCGCAGGTGCTTAAAGTACAGAGAAACCATCATCAGCTGCAC	360			
QY	241	gagctctatgagaaacgcagcaccgacgtggtgcacatctctgagctagtgctctggagagag	300			
DB	361	GAGCTCTATGAGAACCCGACCGAGGTGTGCTCATCTTGTAGCTAGTGTCCGGAGGAA	420			
QY	301	ctcttcgattctgcggcagaagagtcactgagtgagagagcaccagcttcatt	360			
DB	421	CTGTTTGAATTCCTGCGCCAGAGAGTCTTAAAGTACAGAGAAACCATCATCAGCTGCAT	480			
QY	361	aagcagctctgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgagtgag	420			
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QY	421	aagcagaaaaacatatgtgttagaagaataatccattccattccacacatcaagctgatt	480			
DB	541	AAGCAGAAAAACATCATGTGTTAGACAGAAATATCCCATTCACACATCAAGCTGATT	600			
QY	481	gactttgtctggtccagcaataagaagatggagtgagtgagtgagtgagtgagtgagtgag	540			
DB	601	GACTTGGCTTGGCTCAGCAATAGAGATGGAGTTGAATTTAAACAAATTTTGGGACA	660			
QY	541	ccggaaattgtgtctccagaattgtgaactacagcgccttggtctggaggtgcacatg	600			
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DB	721	TGGAGCATTTGGAGTCATCACCTACATCTCTTCTAAGTGGAGCGTCCCTTCCTGGGAGAC	780			
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DB	841	TTGAGCCAGCAAGCAGCTGGCCAAAGGACTTCATTTCGGAAGCTTCTTGTGAAGAGACC	900			
QY	781	cggaaacggtctcaaatcaagaagccttcagacaccccttgatcacccggttgagcaac	840			
DB	901	CGGAAACGGTTCACATCCCAAGAGGCTCTCAGACATCCCTGGATCACGCCGTGGACACC	960			
QY	841	cagcaagcctatgtgcagcggagctgtgtgtcaatctcggagaacttcaggaagcagtag	900			
DB	961	CAGCAAGCTATGGTACGACAGAGAGTCCGTGTCTCAACTGGAGAAATTTTAAAGACGATAT	1020			
QY	901	gtccgagcgggttggaagcttcttcagcatcgtgtccctgtgcacacacacacacccgc	960			
DB	1021	GTCCCGACGGGTGGAAGCTCTCTTTCAGCATCTCTCTCTCTCTCTCTCTCTCTCTCTCT	1080			
QY	961	tcgctgtatgaagaaggtgcaacctgagccggagtgaggaacctgaggaactgtgagtgac	1020			
DB	1081	TCCCTGATGAAGAAGGTACATCTGAGGACAAAGCGAGGACCTTGAGGAACCTCGGAGATGAC	1140			
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LOCUS	Mus musculus	mRNA for Death-associated protein kinase 2, complete				
DEFINITION	cds.					
ACCESSION	AB018002	1	GI:6521216			
VERSION	AB018002.1					
KEYWORDS	Death-associated protein kinase 2.					
SOURCE	Mus musculus	cdna to mRNA.				
ORGANISM	Mus musculus					
REFERENCE	1 (sites)					
AUTHORS	Kawai,T., Nomura,F., Hoshino,K., Copeland,N.G., Gilbert,D.J., Jenkins,N.A. and Akira,S.					
TITLE	Death-associated protein kinase 2 is a new calcium/calmodulin-dependent protein kinase that signals apoptosis through its catalytic activity					
JOURNAL	Oncogene 18 (23), 3471-3480 (1999)					
MEDLINE	99303018					
REFERENCE	2 (bases 1 to 1757)					
AUTHORS	Akira,S. and Kawai,T.					
TITLE	Direct Submission					
JOURNAL	Submitted (28-SEP-1998) Shizuo Akira, Hyogo College of Medicine, Department of Biochemistry; Mukogawa-cho 1-1, Nishinomiya, Hyogo 663-8501, Japan (E-mail:akira@hyo-med.ac.jp, Tel:81-798-45-6357, Fax:81-798-46-3164)					
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Query Match						
Best Local Similarity						
Matches 988;						
Conservative						
0; Mismatches 92; Indels 0; Gaps 0;						
QY	1	atgagccattcaagcagcagaagtggtgaggaacttttatgacatcgagagagctgggg	60			
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QY	61	agtggccagtttgcctatgtgaagaagtcacgggagagagcagcagcgggcttgagtatgca	120			
DB	202	AGTGGCCAGTTCGCCATCGTGAAGAAGTCCCGGAGAGAGCAGCAGGCTGGAGTATGCA	261			
QY	121	qccaagttcatcaagaagcggcagagcggcgagcggcgagcggcgagcggcgagcgggag	180			
DB	262	GCCAGTTCATTAAAGAGAGGCGAGAGCCGGCCAGCGCTCGGGGCGGTGTGCGCGGAGGAA	321			

QY	181	atcgagcggagggtgagcatcctcgcggaaggtgctgcaccacaatgtcatcacgctgcac	240
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QY	661	acgaagcaggaaacactgycaaatatcatcatcagtgagttacgactttgatgaggaattc	720
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QY	721	ttcagccatcacgagcagctggccaagagctttatcgaagctctctgtttaaagagacc	780
Db	862	TTCAGCCAGAAAGCAGCTGGCCAAAGGACTTCATTCGGAAGCTTCCTTGTAAGAGAGACC	921
QY	781	cggaaacggtctcaataccaagaggctctcagacaccccttgatcacgcggttggaacac	840
Db	922	CGAAACGGGTTACCATCCAAGAGGCTCTCAGACATCCTTGATCACC CGGTGGACACC	981
QY	841	cagcaagccaatgtgcgacggagtgctgtggttcaatctggagaactctcaggaagacgtat	900
Db	982	CAGCAAGCTATGTGTAGCGAGAGAGCTCCGTGGTCAACCTGGAGAATTTTAAAGAACAGTAT	1041
QY	901	gtccgacgcggtggagctttccttcagcatcgtgtccctgtgcaaccactcacccgc	960
Db	1042	GTCCGACGCGGTGGAAAGCTGCTCTTCAGACTGCTCTTCTTGTCGAACCACTCTCACTGCG	1101
QY	961	tcgctgatgaagaagtgacactgagccgcggtatgaggacctgaggaactgtgagagtgcac	1020
Db	1102	TCCCTGATGAAGAAGTACATCTGAGGACAAACCGAGGACCTTGAGGAACCTGCGAGAGTGAC	1161
QY	1021	actgaggaggacatcgccaggaggaaagccctccaccacgagagaggagcagcacctcc	1080
Db	1162	ACAGAGGAGAACTCCCAAGAGGAAGGCCCTTACCCCGGAGGAGCAGTACCTCC	1221

RESULT	5
AF052942	
LOCUS	AF052942
DEFINITION	Mus musculus DAP-kinase related protein 1 mRNA linear ROD 20-JAN-2000
ACCESSION	AF052942
VERSION	AF052942.1 GI:3560544
KEYWORDS	.
SOURCE	house mouse.
ORGANISM	Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	

[illegible]

RESULT	6	Query Match	48.5%	Score 524.2	DB 19	Length 5343
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XX		119	TTCAGGCAGGAAACGTGGACGACTACTACGACACCGCGGAGGAACTGGCAGTGGACAG	178		
SV	x97048.1					
XX		70	tttgccatctgaagaagtgccgggagaagacagcgggcttgatgtgacgcacaatttc	129		
DT	13-APR-1996 (Rel. 47, Created)					
DT	04-APR-2000 (Rel. 63, Last updated, Version 5)					
XX	M.musculus mRNA for death associated protein kinase					
DE		130	atcaagaagcggcagagccggcgagccggcggtgtgagccgggagagagatcgagcgg	189		
XX	death associated protein kinase.					
KW		239	ATCAAGAAAGGAGGACCAAGTCCAGCCGCGGGCGCTGAGCCGGGAGGACATCGAGCGG	298		
XX	Mus musculus (house mouse)					
OS	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia;					
OC	Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.					
XX	[1]					
RN	Kimchi A.;					
RA						
RT	Unpublished.					
RL						
RP	1-5345					
RA	Kimchi A.;					
PT	Submitted (01-APR-1996) to the EMBL/GenBank/DBJ databases.					
RL	A. Kimchi, Weizmann Institute of Science, Molecular Genetics, The Weizmann					
RL	Institute of Science, P.O. Box 26, Rehovot, 76100, Israel					
XX	SPTREMBL; Q9JJYP7; Q9JJYP7.					
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FH	Location/Qualifiers					
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RESULT 7

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AB022341
LOCUS Homo sapiens mRNA for ZIP kinase, complete cds. PRI 24-JUN-1999
ACCESSION AB022341
VERSION AB022341.1 GI:5162883
KEYWORDS ZIP kinase.
SOURCE Homo sapiens cell_line:HeLa RCB0007 cDNA to mRNA, clone_lib:HeLa
cell cDNA library.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (sites)
AUTHORS Murata-Hori,M., Suizu,F., Iwasaki,T., Kikuchi,A. and Hosoya,H.
TITLE ZIP kinase identified as a novel myosin regulatory light chain
kinase in HeLa cells
JOURNAL FEBS Lett. 451 (1), 81-84 (1999)
MEDLINE 99283879
REFERENCE 2 (bases 1 to 2055)
AUTHORS Iwasaki,T., Murata-Hori,M. and Hosoya,H.
TITLE Direct Submission
JOURNAL Submitted (12-JAN-1999) Takahiro Iwasaki, Hiroshima University,
Department of Biological Science, 1-3-1 Kagamiyama,
Higashi-Hiroshima, Hiroshima 739-8526, Japan
(E-mail:u075006@ipc.hiroshima-u.ac.jp, Tel:81-824-7443(ex.7443),
Fax:81-824-0734)
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[illegible]

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RESULT 9
LOCUS AR076189 2132 bp DNA linear PAT 30-AUG-2000
DEFINITION Sequence 3 from patent US 5958748.
ACCESSION AR076189
VERSION AR076189.1 GI:10002935
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
  1. (bases 1 to 2132)
AUTHORS Akira, S. and Kawai, T.
TITLE DNA coding for serine/threonine kinase
JOURNAL Patent: US 5958748-A 3 28-SEP-1999;
LOCATION/Qualifiers
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BASE COUNT 429 a 630 c 741 g 332 t
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Query Match 47.6%; Score 514.6; DB 6; Length 2132;
Best Local Similarity 76.1%; Pred. NO. 3.6e-105; Indels 0; Gaps 0;
Matches 634; Conservative
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QY 601 tggagcatagcgctacacacacacacacacacacacacacacacacacacacacacacac 660
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RESULT 10
LOCUS AR124102 2132 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 3 from patent US 6171841.
ACCESSION AR124102
VERSION AR124102.1 GI:14109463
KEYWORDS Location/Qualifiers
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 2132)
AUTHORS Akira, S. and Kawai, T.
TITLE DNA coding for serine/threonine kinase
JOURNAL Patent: US 6171841-A 3 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..2132
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BASE COUNT 429 a 630 c 741 g 332 t
ORIGIN

Query Match 47.6%; Score 514.6; DB 6; Length 2132;
Best Local Similarity 76.1%; Pred. No. 3.6e-105;
Matches 634; Conservative 0; Mismatches 199; Indels 0; Gaps 0;

QY 1 atgagcattcaacagcagagagtgaggagcttttatgactcagagagagctgggg 60
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QY 61 agtggccagtttgccatcgtgaagaagtgccgggagaagacagcgggcttggatgca 120
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QY 121 gccaaattcatcaagaagcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgc 180
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QY 181 atcgagcggaggtgagcattcctgcccgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgc 240
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QY 241 gacgtctatgaaacgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgcgc 300
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QY 301 ctcttgattctctgcccgaaggtgactgactgagtgagagagagccaccagcttcatt 360
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QY 421 aagccagaaaaattatgtttagacaagaatatctccattccacacataaagctgatt 480
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QY 781 cggaaacgctcacatccaagagctctcagacacccctgacacgcccgt 833
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Db 874 AAGCGGAGAAATGACCATTCGCCAGAGCCTTGGAAACATTCCTTGGATTAAAGCGGAT 926
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RESULT 11
E23384
LOCUS E23384 2132 bp DNA linear PAT 07-FEB-2001
DEFINITION DNA encoding serine/threonine kinase.
ACCESSION E23384
VERSION E23384.1 GI:13024386
KEYWORDS JP 1999098984-A/1.
SOURCE unidentified.
ORGANISM unidentified.
REFERENCE 1 (bases 1 to 2132)
AUTHORS Shizu, S.T.K.K.
TITLE DNA encoding serine/threonine kinase
JOURNAL Patent: JP 1999098984-A 1 13-APR-1999;
COMMENT SCIENCE & TECH AGENCY
OS Unidentified
PN JP 1999098984-A/1
PD 13-APR-1999
PF 26-SEP-1997 JP 1997261589
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FEATURES	source
PR	SHIZUO SHINRA,TARO KAWAI
PC	C12N15/09,C12N1/21,C12N9/12/(C12N15/09,C12R1:91),(C12N1/21,C12R1:19),
PC	(C12N9/12,C12R1:19),C12N15/00,(C12N15/00,C12R1:91) CC
Strandedness:	Double;
CC	Topology: Linear;
PH	Key
FT	CDS
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	1..2132
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BASE COUNT	429 a 630 c 741 g 332 t
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Query Match	47.6%; Score 514.6; DB 6; Length 2132;
Best Local Similarity	76.1%; Pred. No.3.6e-105;
Matches 634; Conservative	0; Mismatches 199; Indels 0; Gaps 0;
Qy	1 atgagcattcaagcagcagaagtgagagacttttatgacatcgagagagctgggg 60
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Qy	454 AAGCAGATCCTTGACCGGGCTTCACTACCTTGCACTTAAGCGCATCGCACACTTTGACCTG 513
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Qy	421 aagcagaaaaacattatgtttagacaagaataatcccatccacacatcaagctgatt 480
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Qy	514 AAGCGGAAACATCATGTCTGTGGACAAGACGTCGCCAACCAAGTAATCAAGCTCATC 573
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Qy	661 acgaagcaggaacacactggcaaatatcacatcagtgagttacgactttgatgaggaattc 720
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Qy	721 ttcagcacaacgagcagctggtgccaaggaacttatcgcgaagctctctggttaaaagacc 780
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RESULT 13
AK027590
LOCUS Homo sapiens cDNA FLJ14684 fis, clone NT2RP2004933, highly similar
DEFINITION to Homo sapiens mRNA for ZIP-kinase.
ACCESSION AK027590
VERSION AK027590.1 GI:14042369
KEYWORDS oligo capping; fis (full insert sequence).
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (sites)
Isogai,T., Ota,T., Hayaishi,K., Sugiyama,T., Otsuki,T., Suzuki,Y.,
Nishikawa,T., Nagai,K., Sugano,S., Takahashi-Fujii,A., Hara,H.,
Tanase,T., Nomura,Y., Togiya,S., Komai,F., Hara,R., Takeuchi,K.,
Arita,M., Nabekura,T., Ishii,S., Kawai,Y., Saito,K., Yamamoto,J.,
Wakamatsu,A., Nakamura,Y., Nagahari,K., Masuho,Y. and Oshima,A.
NEDO human cDNA sequencing project
Unpublished
2 (bases 1 to 2224)
Isogai,T. and Otsuki,T.
Direct Submission
Submitted (10-MAY-2001) Takao Isogai, Helix Research Institute,
Genomics Laboratory; 1532-3 Yana, Kisarazu, Chiba 292-0812, Japan
NEDO human cDNA sequencing project supported by Ministry of
Economy, Trade and Industry of Japan; cDNA full insert sequencing;
Research Association for Biotechnology; cDNA library construction;
5'- & 3'-end one pass sequencing and clone selection; Helix
Research Institute (supported by Japan key technology Center etc.)
and Department of Virology, Institute of Medical Science,
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University of Tokyo.
FEATURES             Location/Qualifiers
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     /clone_lib="teratocarcinoma"
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     precursor cells after 2-weeks retinoic acid (RA)
     induction."
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Best Local Similarity 76.1%; Pred. No. 3.6e-105;
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Db 215 ATGTCACGTTTCAGGACGAGGACGTGGAGACCATTTATGATGGGGAGGAGCTGGGC 274
QY 61 agtgccagtttccatcgtgaagaagtgcgggagaagagcagcggttgagatgca 120
Db 275 AGCGGCAGTTTGCATCGTGGAGTGCCTGCGGAGGACGCGGCAAGGCGACGGCAACGCCA 334
QY 121 gcaagttcaagaagaagcagagccggcgagcggcgcggtgtgaagccggagagag 180
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QY 181 atcgagcggaggtgagcatcttcgcgaggtgtgcacacacaaatgtccatcagctgcac 240
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QY 301 ctcttgattctctgcccagaagaggtactgagtgagagagagcagcagcttcatt 360
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